Index of Claims

| Application No. | Applicant(s)  |   |  |  |  |  |  |  |  |  |  |  |
|-----------------|---------------|---|--|--|--|--|--|--|--|--|--|--|
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|-----------|----------|--|--|----------------|-----------------|----------|----------|--------|-------|----------|----------|----------|--------------|---------------|----------|-------------------|-----------|-----|-------|------------|----------|----------|--------------|----------|-----------------|----------|----------|----------|
|           |          | 4  |  |                |                 |          |          |        |       | _        |          | T        |              |               |          |                   |           |     |       | <u></u>    |          |          |              | 1        |                 |          |          |          |
| <u>a</u>  | Original | 12   |  |                |                 | 1 1      |          |        | Final | Original | - 1      |          |              |               |          |                   |           |     | Final | Original   |          |          |              |          | İ               |          |          |          |
| Final     | ř        | 04   |  |                |                 |          | - }      |        | Ξ̈́   | 흔        | ł        |          |              | 1             |          |                   |           |     | 這     | Ę.         |          |          |              |          |                 |          |          | -        |
|           | 0        |  |  |                |                 |          | 1        |        |       |          |          |          |              |               |          |                   |           |     |       |            |          |          |              |          |                 | _        | _        | _        |
|           | 1        | 11   |  |                |                 |          |          |        |       | 51       |          | _ [_     |              |               |          |                   |           |     |       | 101        |          | _ _      |              |          |                 |          | _        | _        |
|           | 2        | П  |  |                |                 |          |          |        |       | 52       |          |          |              |               |          |                   |           |     |       | 102        |          | _        | <u> </u>     |          | _               | 4        | _        | _        |
|           | 3        |  |  |                |                 |          |          |        |       | 53       | L        | _        |              |               |          |                   | _         |     |       | 103        | _        |          | <u> </u>     |          | _               | _        | _        | _        |
|           | 4        |  |  |                |                 |          |          |        |       | 54       |          |          | ┸            |               |          | Ш                 | _         |     |       | 104        |          |          | ļ            |          |                 | 4        | _        | _        |
|           | 5        |  |  |                |                 |          |          |        |       | 55       |          |          | ┸            | $\sqcup$      |          | $\sqcup$          |           |     |       | 105        | _        | _        |              |          |                 |          | 4        | _        |
|           | 6        |  |  |                | _  _            |          |          |        |       | 56       | _        | $\bot$   |              | Ш             |          | $\perp$           | _         | ı l |       | 106        | _        |          | _            |          | -               |          | $\dashv$ |          |
|           | 7        |  |  |                |                 |          | _        |        |       | 57       |          | _        |              | $\vdash$      | +        | ++                |           | -   |       | 107        | -        |          |              |          |                 |          | $\dashv$ | $\dashv$ |
|           | 8        | Ш  |  |                | $\perp$         |          | _        |        |       | 58       |          | _        | -            | $\vdash$      | _        | <b>↓</b>          | -         | -   |       | 108        | -        | -        | -            |          |                 | -        | $\dashv$ |          |
|           | 9        | Ш  |  |                |                 | -        | _        |        |       | 59       |          | _        | 4            | 1             | +        | <b>↓</b> →        | 4         | -   |       | 109        | _        | +        | -            |          | $\dashv$        | -        | $\dashv$ | $\dashv$ |
|           | 10       | Ш  | $\perp$  | $\sqcup$       |                 | $\bot$   |          |        |       | 60       | $\dashv$ | - -      | +            |               | +        | +                 | $\dashv$  |     |       | 110        | $\dashv$ | +        | +            | Н        |                 | $\dashv$ | +        | -        |
|           | 11       | Ш  |  |                |                 |          | _        |        |       | 61       | $\perp$  | +        | 4            |               |          | +                 | $\dashv$  |     |       | 111        | +        | +        | $\vdash$     | $\vdash$ |                 | $\dashv$ | $\dashv$ | $\dashv$ |
|           | 12       | 1  |  | $\vdash$       | $\vdash$        | $\dashv$ | - -      |        |       | 62       | +        |          | +            | ++            | +        | + +               |           | 1   |       | 112<br>113 | -        | -        | ╆            | $\vdash$ | $\vdash$        | +        | +        | $\dashv$ |
| $\vdash$  | 13       | $oxed{\bot}$                                     |  | $\vdash$       | $\vdash \vdash$ | +        |          |        |       | 63       | +        |          | +            |               | +        | +                 |           |     |       |            | $\dashv$ | -        | <del> </del> | $\vdash$ |                 |          | +        | $\dashv$ |
| $\square$ | 14       | $oldsymbol{\sqcup}$                              |  | -              |                 |          | _        |        |       | 64       | +        | +        | +            | $\vdash$      |          | +                 | $\dashv$  | ŀ   |       | 114<br>115 | +        | +        | +-           | H        | $\dashv$        | +        | $\dashv$ | ᅱ        |
| $\square$ | 15       | 1  | $\vdash$   | $\vdash$       |                 |          |          |        |       | 65       | -+       | +        | +            | $\vdash$      |          | ┿                 | $\dashv$  |     |       | 116        | $\dashv$ | +        | -            | -        | $\vdash \dashv$ | +        | +        | $\dashv$ |
| $\vdash$  | 16       | H  | <u> </u>   | <b> </b>       |                 | ++       | _        | 1      |       | 66       | $\dashv$ | +        | -            | $\vdash$      |          | +                 | -         | 1   |       | 117        | $\dashv$ | +        | +            | -        | $\vdash$        | $\dashv$ | +        | $\dashv$ |
|           | 17       | ╀  |  | <u> </u>       | $\vdash$        |          | +        | l      |       | 67<br>68 | $\dashv$ | +        |              | +             |          | +                 | $\dashv$  |     |       | 117        | -+       | $\dashv$ | +            | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ |
| <u> </u>  | 18       | 1  | <del>                                     </del> |                | -               |          | $\dashv$ |        |       | 69       |          | -        |              | 1             |          | +                 |           | -   |       | 119        | -+       | -        | +            | -        |                 | -+       | +        | $\dashv$ |
|           | 19       | Н  |  |                | $\vdash$        |          |          |        |       |          |          | _        | -            | $\vdash$      | -        | +                 | -         |     |       | 120        | $\dashv$ | _        | +            |          |                 | -        | $\dashv$ | $\dashv$ |
|           | 20       | 1  |  | ļ              |                 | _        |          |        |       | 70       |          | +        | -            | 1             |          | +                 | -         | 1   |       | 121        | -        |          | +            | -        | H               | +        | -+       | $\dashv$ |
|           | 21       | 1  |  | -              |                 |          |          | ł      |       | 71       | $\vdash$ | -        | +            | $\vdash$      |          | ++                | $\dashv$  |     |       | 122        | -        |          | ╁            | -        | -               |          | ╅        | $\dashv$ |
| ļ         | 22       | 1  |  | ├-             | <u> </u>        | +        |          | 1      |       | 72<br>73 |          | +        | +-           | +-+           |          | +                 | $\dashv$  |     |       | 123        | -        |          |              |          | $\dashv$        | $\dashv$ | -+       | $\dashv$ |
|           | 23       | =  | <u> </u>   | <del> </del> — | $\vdash$        |          |          | 1      | -     | 74       |          | +        | +            | +             |          | +                 | -         |     |       | 124        | $\dashv$ | +        | +            | -        | $\vdash$        | $\dashv$ | +        | ㅓ        |
|           | 24       | -  |  | ╁              | $\vdash$        |          | +        | 1      |       | 75       | -+       | +        | +            | +             |          | +                 | $\dashv$  | ŀ   |       | 125        | +        | +        | <del> </del> | $\vdash$ |                 |          | $\dashv$ | ᅥ        |
|           | 25<br>26 | -  | -  | -              | $\vdash$        | +        |          | 1      |       | 76       | -+       |          | +-           | $\vdash$      | +        | +                 | $\dashv$  | -   |       | 126        | $\neg$   |          | $\dagger$    | $\vdash$ |                 | $\dashv$ | 寸        | $\dashv$ |
|           | 27       |  | $\vdash$   | ┼─             | $\vdash$        | $\dashv$ | -  -     | 1      |       | 77       | 1        | +        | +            | +             | $\dashv$ | +                 | $\dashv$  | ŀ   |       | 127        | $\dashv$ | +        | +            |          |                 | 1        | $\dashv$ |          |
|           | 28       |  |  | +-             | $\vdash$        | +        | +        | 1      |       | 78       | ΙŤ       | -+       |              | +             |          | 1                 | $\dashv$  |     |       | 128        | $\dashv$ |          |              | <b>-</b> |                 | $\dashv$ | 寸        | ┪        |
| -         | 29       | -  | -  | -              | $\vdash$        | +        |          | 1      |       | 79       | $\vdash$ | -        | - <u>-</u> - |               |          | ++                | $\dashv$  |     |       | 129        |          | -        | T            |          |                 |          | $\dashv$ | $\dashv$ |
|           | 30       | ⊢  | -  |                |                 | +        |          | 1      |       | 80       | -+       | $\dashv$ | $\top$       | 1-1           | _        | +                 | -         |     |       | 130        | $\neg$   | _        | T            | _        | П               |          | 寸        | $\neg$   |
|           | 31       | <del> </del>                                     | $\vdash$   | -              | $\vdash$        | +        |          | 1      |       | 81       | $\vdash$ |          | +            | 1             |          | 1-1               | _         |     |       | 131        |          |          | 1            |          |                 |          | 寸        | ㅣ        |
|           | 32       | ╁┈   | $\vdash$   | +-             | $\vdash$        | +        | $\dashv$ | 1      |       | 82       | H        | $\dashv$ | $\dagger$    | $\Box$        |          | 1                 | $\neg$    |     |       | 132        | $\neg$   | $\top$   | T            |          |                 | 7        | $\neg$   | $\dashv$ |
|           | 33       | †  | $\vdash$   | t              | -               | +        |          | 1      |       | 83       | $\vdash$ | $\dashv$ | $\top$       | 1             | _        | $\dagger \dagger$ | $\exists$ |     |       | 133        | $\Box$   | _ _      | $\top$       |          |                 |          | $\neg$   |          |
| -         | 34       | <del>                                     </del> | -  | 1              | $\vdash$        | $\dashv$ |          | 1      |       | 84       | $\Box$   | $\top$   | $\top$       | $\Box$        |          | 1 1               | $\exists$ |     |       | 134        | $\Box$   |          | Τ            |          |                 |          | $\neg$   | $\neg$   |
| -         | 35       | t  |  |                |                 | $\dashv$ | _        | 1      |       | 85       | $\Box$   |          | 1            |               | $\neg$   | 17                | $\neg$    |     |       | 135        |          |          |              |          |                 |          | T        |          |
|           | 36       | t  | -  |                | † †             | + 1      |          | 1      |       | 86       | $\Box$   | T        | 1-           |               | - -      | $\top$            |           |     |       | 136        |          |          |              |          |                 |          |          |          |
|           | 37       | <u> </u>   |  | 1              |                 | 11       |          |        |       | 87       |          |          |              |               | 1        |                   |           |     |       | 137        |          |          |              |          |                 |          |          |          |
|           | 38       | <u> </u>   | t - † -  | T              |                 | 77       |          | 1      |       | 88       | $\Box$   | $\top$   |              |               |          |                   |           |     |       | 138        |          |          |              |          |                 |          |          |          |
|           | 39       |  | - -  | T              |                 |          |          | 1      |       | 89       | П        |          |              |               |          |                   |           |     | Ī     | 139        |          |          |              |          |                 |          |          |          |
|           | 40       | П  |  |                |                 | $\top$   |          |        |       | 90       |          |          | Ι            |               |          | $\perp$           |           |     |       | 140        |          |          |              |          |                 |          |          |          |
| <u> </u>  | 41       | -  |  | 1 -            |                 |          |          | 1      |       | 91       |          |          |              | +             |          |                   |           |     |       | 141        | -        | - 1      |              |          |                 |          |          |          |
|           | 42       | 1  |  |                |                 |          |          | ]      |       | 92       |          |          |              |               |          |                   |           |     |       | 142        |          |          |              |          |                 |          |          |          |
|           | 43       |  |  |                |                 |          |          | ]      |       | 93       |          |          |              | $oxed{\Box}$  |          | Ш                 |           |     |       | 143        |          |          |              | <u> </u> | Ш               |          |          | ]        |
|           | 44       |  |  |                |                 |          |          | 1      |       | 94       |          |          |              | $oxed{\Box}$  |          | $oxed{\Box}$      |           |     |       | 144        |          |          | 1_           | L        |                 |          |          | _        |
|           | 45       | L  |  |                |                 |          |          | ]      |       | 95       |          |          |              |               |          |                   |           |     |       | 145        |          | _        | 1            | 丄        |                 |          |          |          |
|           | 46       |  |  |                |                 |          |          | ]      |       | 96       |          |          |              |               |          |                   |           |     |       | 146        |          |          | L            | _        |                 |          |          |          |
|           | 47       |  |  |                |                 |          |          | ]      |       | 97       |          |          |              |               |          | Ш                 |           |     |       | 147        |          | $\perp$  |              |          |                 |          | l        |          |
|           | 48       |  |  |                |                 | $\prod$  |          | [      |       | 98       | Ш        |          |              | $\perp \perp$ |          | $\perp$ ]         |           |     |       | 148        |          |          | 1            | ļ.,      |                 |          |          | _        |
|           | 49       |  |  |                |                 | ]        |          | 1      |       | 99       | $\sqcup$ | _ _      | $\perp$      |               |          | $\perp$           | ]         |     |       | 149        | Ш        |          | $\perp$      | <u> </u> |                 | Ц        |          |          |
|           | 50       | <u> </u>   |  |                |                 |          |          | ]::::: | L     | 100      |          |          | _L           | Ш             |          | $\perp$           |           |     |       | 150        |          | L        | 1            |          |                 |          |          |          |